



THE COTTED

1000 LBS.

11208

WATER TREATING CHEMICAL FOR
AIR WASHERS AND EVAPORATIVE CONDENSERS

OAKITE 55/W

U.S.P.A. REG. NO. 10206

For control of: Slime, Odor and Corrosion
See Service Bulletin No. 99A for Directions

INGREDIENTS

Chlorine	10.0	17.7	plenty of water for at least 15 minutes. If eyes get into direct contact with product, flush eyes with plenty of water for at least 15 minutes. If eyes get into direct contact with product, flush eyes with
Pentachlorophenol	3.75	3.75	Remove and wash clothing before reuse. May cause rash or irritation.
Secondary salts of other Chlorophenols	0.6	0.6	Do not breathe dust. May be fatal if swallowed.
Impurities	78.0	78.0	In closed container. Decay, vibration, friction.
Total	100.0	100.0	The residue is toxic to fish and wildlife. Do not discharge from tank into lakes, streams or ponds.

WARNING! Contains chlorine. An irritant. Avoid contact with skin and eyes. Do not swallow. Do not drink. Wash thoroughly after handling. Avoid breathing dust. Wash clothing before reuse. Do not contaminate ground water.

NET 1,400 POUNDS / 640 KILOGRAMS



MADE IN THE UNITED STATES OF AMERICA • OWNED BY THE VAPRO GROUP OF COMPANIES
Vapro Water Treatment Division • 1000 LBS. BAGS • 55 GALLON DRUMS • 55 GALLON PAIL

11208

products and processes for cleaning and surface treating



oakite service bulletin 99A

EFFECTIVE SLIME, ODOR AND CORROSION CONTROL

IN AIR WASHERS AND EVAPORATIVE CONDENSERS

- **Oakite 55 M proves highly effective answer** to this problem

Air washing systems such as those employed in tobacco, textile, printing plants and others are highly susceptible to corrosion and algae formations. To keep these systems free of corrosion, algae and odor problems, some control material, capable of inhibiting them, must be introduced into the circulating water.

A highly effective control chemical for this purpose is Oakite 55 M. This product combines, in powder form, a microbial growth control agent and selected alkaline water treating ingredients blended with chromium salts. The result is a product most effective for inhibiting slime and corrosion, and yet suitable for contact with surfaces commonly encountered in air washing systems -- copper, brass, galvanizing, steel and wood. (Because this product contains a chromium compound, it is not intended for use in equipment designed to spray water out into the air.)

For ease of use, Oakite 55 M is readily soluble in cold or hot water and does not foam.

Prolonged applications of Oakite 55 M in a host of air washing systems, including some with water re-circulation, have established the fact that where no other method of control has been successful, Oakite 55 M uniformly controls slime, odor and corrosion and unlike other products, usually remains effective for a long time.



Applying Oakite 55 M

There are no two air washing systems exactly alike. However, the following general instructions will serve as a guide to cover the majority of cases. For best results, the system should be clean when Oakite 55 M is introduced. That is the only way a true evaluation of its worth may be obtained. If system is dirty, clean it first with Oakite 62. Use this detergent at 1/2 to 1 oz. per gallon of water. Pre-dissolve the detergent in a mixing bucket and add its solution to the air washer tank near the pump intake. Let the system run for about two hours with the fan off. Dump the tank and flush out with a hose. Check all nozzles, remove any that are plugged and clean them manually. Now you are ready to add your control material.

Oakite 55 M should be pre-dissolved before being introduced into the system. To do this, put a small amount of hot water in a mixing bucket and add to it the full charge of material (1 lb. Oakite 55 M per 100-150 gallons of water, depending upon the system.)

Upkeep varies with each individual installation. Some washers require daily upkeep while others require weekly or semi-weekly additions. Solution concentration should be maintained at all times, based upon an analysis of strength by titration. Titrations are performed quickly and easily using free Oakite equipment according to directions of the Oakite Representative. pH too, should be checked daily, using testing equipment or video by Oakite. It is essential that pH not drop below 8. Because tobacco dust is acidic in this type of plant the addition of Oakite 37 or some other suitable alkaline material recommended by your Oakite man, may be necessary. This should be added in small daily doses, as necessary, to help maintain pH within the desired range.

The cooling water of evaporative condensers is treated by slug addition to provide an initial concentration of 1 lb. of Oakite 55 M per 100 gallons of water. Subsequent slug additions should be made to restore the 1 lb. of Oakite 55 M per 100 gallon level when titration of the treated water shows the level to drop to 1 lb. of Oakite 55 M per 250 gallons of water. The frequency depends upon the relatively amount of "bleed off". Slugs should be added in the same amount water cooling water.

To determine the amount of water cooling water to be treated, divide the number of gallons of cooling water by the number of square feet of cooling coil. This will give the number of gallons per square foot. Then multiply this figure by the number of square feet of cooling coil to get the total number of gallons of cooling water to be treated. Then multiply this figure by the amount of Oakite 55 M to be added per 100 gallons of water to get the amount of Oakite 55 M to be added per square foot of cooling coil.